

## Final 1998 Section 303(d) List - WRIA 32

<b>Water Name</b>	COLUMBIA RIVER		
<b>Parameter</b>	Dioxin	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="text"/> None
<b>New Segment ID #</b>	NN57SG	<b>Old Segment ID #</b>	WA-CR-1028
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	32
<b>Township</b>		<b>Waterbody Grid #</b>	46118A9H1
<b>Range</b>		<b>Grid Latitude</b>	46.075
<b>Section</b>		<b>Grid Longitude</b>	118.915
<b>Basis for Consideration of Listing</b>	EPA National Bioaccumulation Survey , excursions beyond the criterion in Channel catfish, sucker, and carp at Wallula.		
<b>Remarks</b>	EPA established a TMDL for the Columbia River Basin on 2/25/91. U.S. District Court upheld the TMDL on 8/10/93.		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input checked="" type="checkbox"/> Yes <b>Action Needed</b> <input type="text"/> None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1070
<b>Stream Route #</b>	17.113	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	36E	<b>Grid Latitude</b>	
<b>Section</b>	23	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	1 excursions beyond the criterion out of 12 samples (8%) at Ecology ambient monitoring station 32C110 (RM 10.0) between 9/91 and 9/96		
<b>Remarks</b>	A single excursion beyond criterion does not meet the Water Quality Program policy for listing		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	4.746	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	35E	<b>Grid Latitude</b>	
<b>Section</b>	27	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Joy, 1987, there were no excursions beyond the criterion measured in this report . The segment was listed in the past for dissolved oxygen in error.		
<b>Remarks</b>	Recently issued discharge permit to the Walla Walla wastewater treatment plant has been conditioned with water quality based BOD permit limits that were expected to result in achieving dissolved oxygen standards.		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Ammonia-N	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	8.402	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	35E	<b>Grid Latitude</b>	
<b>Section</b>	24	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Singleton and Joy, 1982. 2 excursions beyond the criterion at station 8 (Gose St. Bridge) on 2/4/81 and 2/3/81.		
<b>Remarks</b>	TMDL based on the seasonal removal of the Walla Walla wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/92.		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Instream Flow	<b>Mediu</b>	Habitat
<b>Place on 1998 List?</b>	Yes	<b>Listed in 1996</b>	Yes <b>Action Needed</b> Other Control
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	17.113	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	36E	<b>Grid Latitude</b>	
<b>Section</b>	23	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	<p>USGS flow data from Gage 1401500 show 140 zero flow days in 1992.;Washington Dept. of Ecology, 1995.;SASSI, 1993 , Summer Steelhead Stocks are Depressed.; Nehlson, et al. 1991.;The creek meets all the Water Quality Program Policy criteria for inadequate instream flow and has been added to the 303d list. The Walla Walla river summer steelhead stock which uses Mill Creek is listed as depressed (SASSI, 1994). Hydrographs and a compilation of the water rights is presented in the 1995 Watershed Assessment. The hydrology shows that the number of days of zero flow has increased much since 1952 and was at 140 zero flow days in 1992 :especially from June until November. The diversion just upstream of the Mill Creek gage is believed to be the direct cause of the zero flow days. Steelhead still use Mill Creek (Walla Walla Subbasin Plan, 1990).</p>		
<b>Remarks</b>	<p>Proposed for listing old segment WA-32-1050 and WA-32-1080 in error. The USGS gauging station is on old segment WA-32-1060.</p> <p>Contribution of the problem is in Oregon. Ecology's Water Quality Program Policy on TMDLs adopted 8/93 specifies that EPA is expected to conduct all interstate TMDLs according to the federal Clean Water Act.</p>		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Chlorine	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	8.402	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	35E	<b>Grid Latitude</b>	
<b>Section</b>	24	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Singleton and Joy, 1982. 2 excursions beyond the criterion at station 8 (Gose St. Bridge) on 2/4/81 and 2/3/81.		
<b>Remarks</b>	<p>TMDL based on the seasonal removal of the Walla Walla wastewater discharge submitted 3/9/92; EPA determined that the TMDL was incomplete on 2/12/92. After further review, EPA approved the TMDL on 7/28/97.</p> <p>Recently issued discharge permit to the Walla Walla wastewater treatment plant has been conditioned with water quality based permit limits that are expected to result in achieving chlorine standards.</p>		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Total Phosphorus	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	8.402	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	35E	<b>Grid Latitude</b>	
<b>Section</b>	24	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Singleton and Joy, 1982, The highest values were measured at station 8 (Gose Street Bridge in Walla Walla) on 2/3/81 and 2/4/81.		
<b>Remarks</b>	<p>A further review of the cited report showed that the information provided does not meet the Water Quality Program policy for listing. The segment should not be listed under the narrative standard since no impairment of a designated use was documented.</p> <p>TMDL based on the seasonal removal of the Walla Walla wastewater discharge submitted 3/9/92; EPA determined that the TMDL was incomplete on 2/12/92. EPA provided no documentation describing rationale for the incomplete determination.</p>		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Total Nitrogen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	No	<b>Listed in 1996</b>	Yes
		<b>Action Needed</b>	None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	0	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	35E	<b>Grid Latitude</b>	
<b>Section</b>	38	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Singleton and Joy, 1982, Total nitrogen was not measured in this study. The highest values of Nitrate-N was measured at station 11 (Mission Road in Walla Walla) on 2/3/81 and 2/4/81.		
<b>Remarks</b>	<p>A further review of the cited report showed that the information provided does not meet the Water Quality Program policy for listing. The segment should not be listed under the narrative standard since no impairment of a designated use was documented.</p> <p>TMDL based on the seasonal removal of the Walla Walla wastewater discharge submitted 3/9/92; EPA determined that the TMDL was incomplete on 2/12/92. EPA provided no documentation describing rationale for the incomplete determination.</p>		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	pH	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	Yes	<b>Listed in 1996</b>	Yes
		<b>Action Needed</b>	TMDL
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1070
<b>Stream Route #</b>	17.113	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	36E	<b>Grid Latitude</b>	
<b>Section</b>	23	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	6 excursions beyond the criterion out of 12 samples (50%) at Ecology ambient monitoring station 32C110 (RM 10.0) between 9/91 and 9/96		
<b>Remarks</b>			

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Total Nitrogen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	4.746	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	35E	<b>Grid Latitude</b>	
<b>Section</b>	27	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Joy, 1987, the highest value were recorded at RM 4.8 on 2/12/86. Total Nitrogen was sampled only once at this location..		
<b>Remarks</b>	<p>A further review of the cited report showed that the information provided does not meet the Water Quality Program policy for listing. The segment should not be listed under the narrative standard since no impairment of a designated use was documented.</p> <p>TMDL based on the seasonal removal of the Walla Walla wastewater discharge submitted 3/9/92; EPA determined that the TMDL was incomplete on 2/12/92. EPA provided no documentation describing rationale for the incomplete determination.</p>		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Ammonia -N	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	4.746	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	35E	<b>Grid Latitude</b>	
<b>Section</b>	27	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Joy, 1987, there were no excursions beyond the criterion measured in this report. The segment was listed in the past for ammonia-N in error.		
<b>Remarks</b>	TMDL based on the seasonal removal of the Walla Walla wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/92.		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Chlorine	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	4.746	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	35E	<b>Grid Latitude</b>	
<b>Section</b>	27	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Joy, 1987. Samples collected at RM 4.8 on 2/12/86 and 2/13/86 were below detection.		
<b>Remarks</b>	<p>TMDL based on the seasonal removal of the Walla Walla wastewater discharge submitted 3/9/92; EPA determined that the TMDL was incomplete on 2/12/92. After further review, EPA approved the TMDL on 7/28/97.</p> <p>Recently issued discharge permit to the Walla Walla wastewater treatment plant has been conditioned with water quality based permit limits that are expected to result in achieving chlorine standards.</p>		

<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Total Phosphorus	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1060
<b>Stream Route #</b>	4.746	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	35E	<b>Grid Latitude</b>	
<b>Section</b>	27	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Joy, 1987, the highest values were recorded at RM 4.8 on 2/12/86 and 2/13/86.		
<b>Remarks</b>	<p>A further review of the cited report showed that the information provided does not meet the Water Quality Program policy for listing. The segment should not be listed under the narrative standard since no impairment of a designated use was documented.</p> <p>TMDL based on the seasonal removal of the Walla Walla wastewater discharge submitted 3/9/92; EPA determined that the TMDL was incomplete on 2/12/92. EPA provided no documentation describing rationale for the incomplete determination.</p>		

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<b>Water Name</b>	MILL CREEK		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	SS77BG	<b>Old Segment ID #</b>	WA-32-1070
<b>Stream Route #</b>	17.113	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	36E	<b>Grid Latitude</b>	
<b>Section</b>	23	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	3 excursions beyond the criterion out of 12 samples (25%) at Ecology ambient monitoring station 32C110 (RM 10.0) between 9/91 and 9/96		
<b>Remarks</b>			

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<b>Water Name</b>	TOUCHET RIVER		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	LV94PX	<b>Old Segment ID #</b>	WA-32-1020
<b>Stream Route #</b>	0.317	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	33E	<b>Grid Latitude</b>	
<b>Section</b>	33	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	3 excursions beyond the criterion out of 12 samples (25%) at Ecology ambient monitoring station 32B070 (RM 0.5) between 9/91 and 9/96		
<b>Remarks</b>			



<b>Water Name</b>	TOUCHET RIVER		
<b>Parameter</b>	pH	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	LV94PX	<b>Old Segment ID #</b>	WA-32-1020
<b>Stream Route #</b>	96.838	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	10N	<b>Waterbody Grid #</b>	
<b>Range</b>	39E	<b>Grid Latitude</b>	
<b>Section</b>	30	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	1 excursion beyond the criterion out of 12 samples (8%) at Ecology ambient monitoring station 32B130 (RM 53.3) between 9/91 and 9/96		
<b>Remarks</b>	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

<b>Water Name</b>	TOUCHET RIVER		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	LV94PX	<b>Old Segment ID #</b>	WA-32-1020
<b>Stream Route #</b>	0.317	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	33E	<b>Grid Latitude</b>	
<b>Section</b>	33	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	1 excursions beyond the criterion out of 12 samples (8%) at Ecology ambient monitoring station 32B070 (RM 0.5) between 9/91 and 9/96		
<b>Remarks</b>	A single excursion beyond the criterion does not meet the Water Quality Program Policy for listing.		

<b>Water Name</b>	TOUCHET RIVER		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	LV94PX	<b>Old Segment ID #</b>	WA-32-1020
<b>Stream Route #</b>	0.317	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	33E	<b>Grid Latitude</b>	
<b>Section</b>	33	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	3 excursions beyond the criterion out of 12 samples (25%) at Ecology ambient monitoring station 32B070 (RM 0.5) between 9/91 and 9/96;		
<b>Remarks</b>			

<b>Water Name</b>	TOUCHET RIVER		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	LV94PX	<b>Old Segment ID #</b>	WA-32-1020
<b>Stream Route #</b>	96.838	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	10N	<b>Waterbody Grid #</b>	
<b>Range</b>	39E	<b>Grid Latitude</b>	
<b>Section</b>	30	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	3 excursions beyond the criterion out of 12 samples (25%) at Ecology ambient monitoring station 32B130 (RM 53.3) between 9/91 and 9/96		
<b>Remarks</b>			

<b>Water Name</b>	TOUCHET RIVER		
<b>Parameter</b>	pH	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	LV94PX	<b>Old Segment ID #</b>	WA-32-1020
<b>Stream Route #</b>	0.317	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	33E	<b>Grid Latitude</b>	
<b>Section</b>	33	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	0 excursions beyond the criterion out of 12 samples (0%) at Ecology ambient monitoring station 32B070 between 9/91 and 9/96;  Listed in 1996 based on 13 excursions beyond the criterion at Ecology ambient monitoringstation 32B070 between 1986 and 1989.		
<b>Remarks</b>	The segment now meets water quality standrads for pH.		

<b>Water Name</b>	TOUCHET RIVER, N.F. (E.F.)		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	EQ96XO	<b>Old Segment ID #</b>	WA-32-1025
<b>Stream Route #</b>	24.768	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	08N	<b>Waterbody Grid #</b>	
<b>Range</b>	40E	<b>Grid Latitude</b>	
<b>Section</b>	03	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	7 excursions beyond the criterion at USFS STORET station 14090015 (RM 19.9) between 7/1/87 and 7/1/91;		
<b>Remarks</b>	The USFS data downloaded from STORET were challenged as not meeting the quality assurance criteria of the Water Quality Program policy on listing. The listed STORET contact (Margaret Connelly) was asked to verify that these criteria were met for the data used as a basis for listing. USFS did not verify that these data meet the quality assurance criteria. Therefore, these data from STORET should not be used as a basis for listing.		

<b>Water Name</b>	TOUCHET RIVER, N.F. (E.F.)		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	EQ96XO	<b>Old Segment ID #</b>	WA-32-1025
<b>Stream Route #</b>	26.758	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	40E	<b>Grid Latitude</b>	
<b>Section</b>	05	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	7 excursions beyond the criterion at USFS STORET station 14090016 (RM 18.2) between 7/1/87 and 7/1/91;		
<b>Remarks</b>	The USFS data downloaded from STORET were challenged as not meeting the quality assurance criteria of the Water Quality Program policy on listing. The listed STORET contact (Margaret Connelly) was asked to verify that these criteria were met for the data used as a basis for listing. USFS did not verify that these data meet the quality assurance criteria. Therefore, these data from STORET should not be used as a basis for listing.		

<b>Water Name</b>	TOUCHET RIVER, N.F. (E.F.)		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	EQ96XO	<b>Old Segment ID #</b>	WA-32-1025
<b>Stream Route #</b>	18.003	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	08N	<b>Waterbody Grid #</b>	
<b>Range</b>	40E	<b>Grid Latitude</b>	
<b>Section</b>	09	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	8 excursions beyond the criterion at USFS STORET station 14090005 (at NFS Boundary) between 7/1/87 and 7/1/91;		
<b>Remarks</b>	The USFS data downloaded from STORET were challenged as not meeting the quality assurance criteria of the Water Quality Program policy on listing. The listed STORET contact (Margaret Connelly) was asked to verify that these criteria were met for the data used as a basis for listing. USFS did not verify that these data meet the quality assurance criteria. Therefore, these data from STORET should not be used as a basis for listing.		

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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	Heptachlor Epoxide	<b>Mediu</b>	Tissue
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	4.081	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	31E	<b>Grid Latitude</b>	
<b>Section</b>	25	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Davis et al., 1995. , excursions beyond the criterion in edible carp tissue near the mouth in 1993.		
<b>Remarks</b>			

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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	21.034	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	32E	<b>Grid Latitude</b>	
<b>Section</b>	35	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	12 excursions beyond the criterion out of 35 samples (34%) at Ecology ambient monitoring station 32A070 (RM 15.3) between 9/91 and 9/96;		
<b>Remarks</b>			

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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	pH	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	21.034	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	32E	<b>Grid Latitude</b>	
<b>Section</b>	35	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	5 excursions beyond the criterion out of 35 samples (14%) at Ecology ambient monitoring station 32A070 (RM 15.3) between 9/91 and 9/96;		
<b>Remarks</b>			

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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	21.034	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	32E	<b>Grid Latitude</b>	
<b>Section</b>	35	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	6 excursions beyond the criterion out of 35 samples (18%) at Ecology ambient monitoring station 32A070 (RM 15.3) between 9/91 and 9/96;		
<b>Remarks</b>			

<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	Instream Flow	<b>Mediu</b>	Habitat
<b>Place on 1998 List?</b>	Yes	<b>Listed in 1996</b>	Yes <b>Action Needed</b> Other Control
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	25.207	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	06N	<b>Waterbody Grid #</b>	
<b>Range</b>	33E	<b>Grid Latitude</b>	
<b>Section</b>	06	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	<p>Flow data from USGS gauging station 14018500 (near Touchet) show instream flow values are not being met .</p> <p>Washington Dept. of Ecology, 1995.;Walla Walla River Subbasin Plan, 1990.;WAC 173-532-030 , '... water is not available for protection of instream values; SASSI, 1993 , Summer Steelhead Stocks are depressed.; Nehlson, et al. 1991. , Summer steelhead are of special concern.; Northwest Planning Council, 1986. , Low stream flow is the major factor limiting production of anadromous fish.; USGS, 1994. , periods of no flow have been recorded.; The river meets all the Water Quality Program Policy criteria for inadequate instream flow and has been added to the list. The Walla Walla river summer steelhead stock is listed as depressed (SASSI,1994). All of the 5 species of salmon that previously inhabited the River are now extinct per the 1995 Watershed Assessment. Most all of the flow of the Walla Walla originates in Oregon. Oregon won a U.S. Supreme Court decision about 70 years ago giving Oregon the right to divert all the water out of the river by the time the river hits the Washington border. The River essentially goes dry by June and stays that way until November rains appear (Walla Walla Subbasin Plan, 1990). Hydrographs and a compilation of the water rights is presented in the 1995 Watershed Assessment. A minimum flow of 235 cfs for steelhead habitat in the Walla Walla River based on the Toe-Width Methodology is used upstream of the Touchet River confluence to condition new water rights; and a minimum flow of 504 cfs in the Walla Walla river is used downstream of the Touchet confluence (Brad Caldwell, 1995 Court Testimony).</p> <p>Although only the segment where flows are measured not to meet instream flow values, the entire river to the Oregon border may not meet the values as well. Ecology has previously listed all of these other segment without actual flow measurements from the segments.</p>		
<b>Remarks</b>	<p>Proposed for listing old segment WA-32-1030 in error. The USGS gauging station is on old segment WA-32-1010.</p> <p>Contribution of the problem is in Oregon. Ecology's Water Quality Program Policy on TMDLs adopted 8/93 specifies that EPA is expected to conduct all interstate TMDLs according to the federal Clean Water Act.</p>		

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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	Chlordane	<b>Mediu</b>	Tissue
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	4.081	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	31E	<b>Grid Latitude</b>	
<b>Section</b>	25	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Davis et al., 1995. , excursions beyond the criterion in edible carp tissue sampled near the mouth in 1993.		
<b>Remarks</b>			

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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	Dieldrin	<b>Mediu</b>	Tissue
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	4.081	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	31E	<b>Grid Latitude</b>	
<b>Section</b>	25	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Davis et al., 1995. , excursions beyond the criterion in edible carp tissue near the mouth in 1993.		
<b>Remarks</b>			



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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	4,4'-DDE	<b>Mediu</b>	Tissue
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	4.081	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	31E	<b>Grid Latitude</b>	
<b>Section</b>	25	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Davis et al., 1995. , excursions beyond the criterion in edible carp tissue near the mouth in 1993.		
<b>Remarks</b>			

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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	Hexachlorobenzene	<b>Mediu</b>	Tissue
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	2.371	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	31E	<b>Grid Latitude</b>	
<b>Section</b>	26	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Davis et al, 1995. , excursions beyond the criterion in edible carp tissue collected near the mouth in 1993.		
<b>Remarks</b>			

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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	PCB-1260	<b>Mediu</b>	Tissue
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	2.371	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	31E	<b>Grid Latitude</b>	
<b>Section</b>	26	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Davis et al, 1995. , excursions beyond the criterion in edible carp tissue collected near the mouth in 1993.		
<b>Remarks</b>			

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<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	Heptachlor	<b>Mediu</b>	Tissue
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	4.081	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	31E	<b>Grid Latitude</b>	
<b>Section</b>	25	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Davis and Johnson, 1994., excursions beyond the criterion of edible fish tissue samples (White Crappie filets) collected near the mouth in 1992 .		
<b>Remarks</b>			

<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="text"/> None
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	21.034	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	32E	<b>Grid Latitude</b>	
<b>Section</b>	35	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Davis, 1993, 1 excursion beyond the criterion at Cummins Bridge Road on 5/30/92.		
<b>Remarks</b>	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

<b>Water Name</b>	WALLA WALLA RIVER		
<b>Parameter</b>	4,4'-DDT	<b>Mediu</b>	Tissue
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="text"/> TMDL
<b>New Segment ID #</b>	QE90PI	<b>Old Segment ID #</b>	WA-32-1010
<b>Stream Route #</b>	4.081	<b>Water Resource Inventory Area</b>	32
<b>Township</b>	07N	<b>Waterbody Grid #</b>	
<b>Range</b>	31E	<b>Grid Latitude</b>	
<b>Section</b>	25	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Davis et al., 1995. , excursions beyond the criterion in edible carp tissue near the mouth in 1993		
<b>Remarks</b>			